| 6 | L |
|-------------------------|----------------|
| Ē | į |
| C |) |
| ш | į |
| $\overline{\alpha}$ | í |
| A |) |
| 3 | |
| A |): 3: 3: |
| 1 | - |
| Щ | 7 |
| $\overline{\mathbf{m}}$ | |

| FORM PTO | -1411 | | | SWERNOFSIL LAW GROUP PAGE TTY. DOCKET NO. CASH-001 PRIAL 09/093,533 | | | | | | |
|---------------------|---------------|--|---|---|---|--------------------------|--------------|-------------|---------------------------------------|--|
| 22883 | | | | APPLICANT Michael Malcolm, et al. | | | | | | |
| | PATE | NT THIODINEK OFFE | E FEL | ING DATE | une 8 1998 P | GROUP | - 278 | 7 | · · · · · · · · · · · · · · · · · · · | |
| EFERENC | | GNATION | U.S. P. | ATENT DOCUM | DENTS EC. 1 0 | 0116 | • | | | |
| EXAMINER INITIAL | | DOCUMEN NUMBER | T | DATE | NAME | | CLASS | | SUB CLAS | |
| mu, | A | | |) | Mighdoll et al | | 709 | | 217 | |
| mw | B | 5,870,769 | 2/1999 |) | Freund | | 707 | 50 | | |
| | - | <u> </u> | | | | | | - | | |
| | | ļ | | | | | | | | |
| | | | + | | | | · · | | | |
| | | | - | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | 7 | | | | | |
| | | | <u> </u> | | | | | | | |
| | | | | | | | | | | |
| | | DOCUMENT DA NUMBER | | COUNTRY | NAME CLAS | | SUB CLASS | | TRANSLATION | |
| mu | ! | 97 30539 | 8/1997 | PCT | Bittinger, et al. | | | YES | NO | |
| 1.1 | ED | 0 836 145AZ | 4/1998 | EPO | Guarav Banga | | | | | |
| ms | EF | | | | | | | | | |
| MW | Er | | | | | | | | | |
| ms | EF | | | | | | | | | |
| ms | Er . | | | | | | | | | |
| ms | Er | | | | | | | | | |
| M | | | RENCES | (including Autho | or, Title, Date, Pertin | • | etc.) | | | |
| M | O' M | THER REFE | ch, et al.: " | World Wide Web | or, Title, Date, Pertin | ent Pages, | etc.) | The Indian | | |
| | O' M | THER REFE | ch, et al.: " | World Wide Web | Or, Title, Date, Pertin Caching: The Applic 0-178, June 1997. | ent Pages, | etc.) | he Interne | et", | |
| | O' M | THER REFE | ch, et al.: "cations Ma | World Wide Web gazine, Pages 170 | Caching: The Applic | ent Pages, | l View Of T | | • | |
| m | O' M IE | THER REFE | ch, et al.: " cations Ma | World Wide Web gazine, Pages 170 | Caching: The Applic | ent Pages, | l View Of T | | • | |
| m | O' M IE Sy 93 | THER REFE lichael Baents EE Communi ram Gadde, et | ch, et al.: " cations Ma al.: "Reduce 7. "Soft Cack | World Wide Web gazine, Pages 170 ce, Reuse, Recycle ning: Web Cache | Caching: The Applic | ent Pages, ation-Leve | l View Of T | Caches", F | ages | |
| ms miner | O' M IE Sy 93 | THER REFE | ch, et al.: " cations Ma al.: "Reduce 7. "Soft Cack | World Wide Web gazine, Pages 170 ce, Reuse, Recyclo ning: Web Cache 0, June 1997. | Caching: The Applic 0-178, June 1997. c: An Approach To Bu | ent Pages, ation-Leve | l View Of T | Caches", F | ages | |

| ORM PTO-144 | | | OCKET NO. | CASH | | SPRIAL | 09/093,53 | 3 | |
|---------------------|--------------------|---------------|---------------|-------------|---------------------------------------|---------------|---------------------------------------|------------|---------|
| | DEC 182 | OUD TAPPLIC | • | Michae | l Malcolm, et | al. | | | |
| | D DEL 102 | TILING | DATE | June 8, | 1998 | GROUP | 2756 | | |
| EFERENCE D | ESIGNATION RADES | A S. PAT | ENT DOC | UMENT | s | | | | |
| EXAMINER INITIAL | DOCUMEN' NUMBER | | DATE | T | NAM | E | CLASS | SUI | B CLA |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | Ę |
| | | -4. | | | <u> </u> | | | - | |
| | | | | | | | | | |
| | | | WF | | | | | , A | |
| | | | | | | | | - | |
| | | | | | | | 2.5 | | |
| | | | | | | | <u> </u> | | |
| | | | | - | | | | | |
| | | | | - | | | | - | |
| | | | | | | | | | |
| | | | | | | | - | | <u></u> |
| | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | | _ | |
| 1 | | | | | <u> </u> | | | | |
| | | FOR | EIGN PAT | TENT DO | CUMENTS | | | | |
| | DOCUMENT NUMBER | DATE | COUN | TRY | NAME | CLASS | SUB CLASS | TRANSLAT | |
| | | ļ | | | | | | YES | 1 |
| | • | | | | | | | | |
| | | | | | <u>.</u> | | | <u> </u> | |
| | | ` | | | | | | | |
| | | | | | | | | | |
| | | | <u></u> | | | | | | |
| | | | | | | | | | |
| | OTHER RE | FERENCES | (including | Author, | Title, Date, P | ertinent Pag | es, etc.) | • | • |
| | Banga, G. et | al.; "Optimis | tic deltas fo | or WWW | latency reduc | tion" Proceed | lings Of The | Usenix 19 | 97 |
| | Annual Tech | | | | | | _ | | |
| m | CA, USA, 6- | | | | | | | | |
| | Yu, P. S., et a | | | | aborative Me | thod For Hier | archical Cach | ing In Pro | 387 |
| , | Servers" Con | | | | | | | | |
| m | No. 1-7, 1Ap | | | ,,,,,,,,, | | u | | | ~ x. J |
| | | pubu | | | | | | | |
| 1 | | | | | | | | | |
| | 1 | | | | | | | | |
| | j | | | | | | | | |
| XAMINER | | | | | E CONSIDE | | | | |